

10 1009579

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization
International Bureau



(43) International Publication Date
27 September 2001 (27.09.2001)

PCT

(10) International Publication Number
WO 01/71015 A3

(51) International Patent Classification⁷: **C12N 15/85**,
A61K 48/00, C12N 15/63, A01K 67/027, A61P 35/00

DOKTER, Willem, Hendrik, Abraham [NL/NL]; Van
Beethovenstraat 65, NL-6521 EL Nijmegen (NL).

(21) International Application Number: PCT/NL01/00166

(74) Agent: **PRINS, A., W.**; c/o Verenigde, Nieuwe Parklaan
97, NL-2587 BN The Hague (NL).

(22) International Filing Date: 28 February 2001 (28.02.2001)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
00200728.4 1 March 2000 (01.03.2000) EP

(71) Applicant (for all designated States except US): **RIJK-
SUNIVERSITEIT GRONINGEN** [NL/NL]; Broerstraat
5, NL-9712 CP Groningen (NL).

(81) Designated States (national): AE, AG, AL, AM, AT, AU,
AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU,
CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM,
HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK,
LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX,
MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL,
TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW.

(84) Designated States (regional): ARIPO patent (GH, GM,
KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW), Eurasian
patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European
patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE,
IT, LU, MC, NL, PT, SE, TR), OAPI patent (BF, BJ, CF,
CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG).

Published:

— with international search report

(88) Date of publication of the international search report:
31 January 2002

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(72) Inventors; and
(75) Inventors/Applicants (for US only): **DE LEIJ, Lou,**
Franciscus, Maria, Hubertus [NL/NL]; Mooiland 77,
NL-9734 BW Groningen (NL). **RUITERS, Marcel,**
Herman, Josef [NL/NL]; M.L. Kingstraat 119, NL-9728
WN Groningen (NL). **MCLAUGHLIN, Pamela, Mar-**
ijke, Jane [NL/NL]; Westerbinnensingel 14, NL-9718
BT Groningen (NL). **HARMSSEN, Martin, Conrad**
[NL/NL]; Zevenhuizerweg 17, NL-9761 AD Eelde (NL).
VAN DER MOLEN, Henk [NL/NL]; Ruischerwaard
29, NL-9734 CE Groningen (NL). **TERPSTRA, Peter**
[NL/NL]; Marsstraat 73, NL-9743 EL Groningen (NL).

(54) Title: NON-SQUAMOUS EPITHELIUM-SPECIFIC TRANSCRIPTION

(57) Abstract: The invention relates to the field of cancer therapy and diagnosis, in particular of carcinomas. The invention provides an isolated and/or recombinant nucleic acid comprising a tissue specific promoter or functional fragment thereof allowing for expression of a nucleic acid of interest operably linked to said promoter or functional fragment thereof in a cancer cell wherein said expression in said cancer cell is essentially carcinoma selective.

WO 01/71015 A3